



FLS RFID PRO



东莞福乐升物联科技有限公司

Dongguan Fulesheng IOT Technology Co., Ltd.

Company profile



FLS RFID PRO, founded in Shenzhen in 2009, is headquartered in Dongguan, China. It is a high-tech enterprise focusing on RFID product development and application, providing one-stop RFID product solutions integrating technology research and development, product design, manufacturing, sales and service.

FLS RFID PRO has an experienced RFID professional team and RFID testing laboratory to ensure the reliability, consistency and stability of products. According to your needs, we have the ability to work with you to jointly develop RFID products, provide RFID technical support, meet your individual needs, so that your project application can be quickly realized and delivered on time.

FLS RFID PRO has a number of product invention patents, ISO quality management system, established a modern RFID product production base in Shenzhen, Dongguan, Wuxi, Jiangxi, to ensure that you do a good job of each product, committed to provide you with different scenarios of RFID product services.

FLS RFID PRO main products are used in many fields, such as member consumption, access tickets, asset management, warehousing and logistics, identity identification, inventory tracking, anti-counterfeiting traceability, etc. Through our RFID products, we solve the needs of many industries for data collection, safe, accurate, convenient and efficient management. The products are exported to many countries and regions around the world. Established a long-term and stable cooperative relationship.





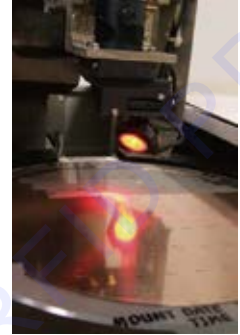
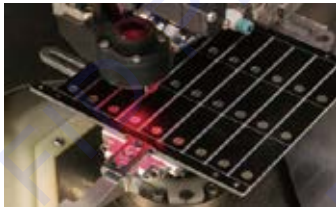
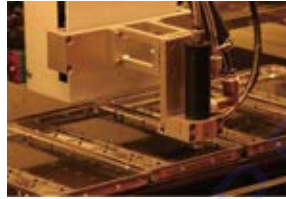
Certificate



Design Development



Testing Laboratory Production Equipment



RFID silicone washing tag



physical parameter:

size:	55mm*12mm*2.5mm
materials:	silica gel
colour:	White, customizable
way to install:	Sewing
weight:	2.0g

Please contact us for more product specifications...

Product application diagram:



application specification:

Each piece of linen is sewn into the RFID washing tag, and when the linen sewn with the RFID washing tag passes through the assembly line, the reader will recognize the information in the label, know what type of linen is identified, need to send it to where or in the machine.

so The use of RFID frees up the time for manual linen sorting and can quickly send the linen to the next laundry procedure, replacing the traditional human. The human eye can distinguish bar codes or distinguish, which improves efficiency.

functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz (CN&US)
chip:	U9/H9
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	Non-metal surface
read range: (handset)	Transmit power: 1W /antenna gain: 0.0-3.0dbi, >=4M
read range: (Fixed reader)	Transmit power: 4W /antenna gain: 6.0-12.0dbi, >=8M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~120°C
operating temperature:	-40~70°C

RFID linen washing tag



physical parameter:

size:	70mm*15mm*1mm
materials:	Textile
colour:	White
way to install:	Sewing
weight:	0.5g

Please contact us for more product specifications...

Product application diagram:



application specification:

Textile sews the washing label onto the linen, and combines RFID readers and management software to provide operational management for the whole life cycle of the linen. The very reliable technical means for enterprises to achieve the effect of improving work efficiency and reducing labor costs. Typical in the field of linen management.

Applications are: hotel linen rental washing management system, washing plant linen rental washing management system, textile factory production management system, medical Hospital linen rental washing management system.

functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz (CN&US)
chip:	U9/H9
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	Non-metal surface
read range: (handset)	Transmit power: 1W /antenna gain: 0.0-3.0dbi, >=3M
read range: (Fixed reader)	Transmit power: 4W /antenna gain: 6.0-12.0dbi, >=4.2M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~120°C
operating temperature:	-40~70°C

RFID button laundry tag



physical paramete:

size:	Ø25.5mm
materials:	PPS
colour:	Black, customizable
way to install:	Sewing
weight:	4.0g

functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz (CN&US)
chip:	U9/H9
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	Non-metal surface
read range: (handset)	Transmit power: 1W /antenna gain: 0.0-3.0dbi, >=1M
read range: (Fixed reader)	Transmit power: 4W /antenna gain: 6.0-12.0dbi, >=2M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~120°C
operating temperature:	-40~70°C

Please contact us for more product specifications...

Product application diagram:



application specification:

After the chip is encapsulated in the button, the button is combined with the traced item to achieve the unique identification and data transmission of the item, and the NFC label is embedded on high-value goods such as luxury goods, consumers can verify the authenticity of the product through the NFC reader and traceability information to prevent the circulation of fake and shoddy goods.

At the same time, button labels are widely used in the production process such as automatic inventory of linen in hotels, washing plants, hospitals, workshop production management, linen life cycle tracking and washing traceability, real-time tracking of production and logistics status.

RFID nylon tag



physical paramete:

size:	60*30mm
materials:	nylon
colour:	White, customizable
way to install:	Sewing
weight:	0.4g

functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz (CN&US)
chip:	U9/H9
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	Non-metal surface
read range: (handset)	Transmit power: 1W /antenna gain: 0.0-3.0dbi, >=3M
read range: (Fixed reader)	Transmit power: 4W /antenna gain: 6.0-12.0dbi, >=4M

environmental specification:

IP Rate:	IP68
storage temperature:	-20~50°C
operating temperature:	-40~70°C

Please contact us for more product specifications...

Product application diagram:



application specification:

RFID nylon woven tags are widely used in clothing, textile and other related industries. Can provide bar code, text, graphics and other surface printing functions and coding services. We can also make virtual knife-shaped lines or print black marks, which provides great convenience for customers' later sheet processing.

NFC tag



physical paramete:

size:	Ø25mm
materials:	Coated paper /PET/thermal paper
colour:	white, customizable
way to install:	Sticker
weight:	0.5g

Please contact us for more product specifications...

Product application diagram:



functional parameter:

ISO:	ISO-14443A
frequency:	13.56MHz
chip:	NTAG213
memory:	EPPROM
Applied surface:	Non-metal surface
read range:	Stationary collector reads 1-100mm (Fixed reader) (Related to antenna, reader)

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C

application specification:

With the continuous upgrade of the mobile phone system, the touch ecology based on NFC mobile phones has gradually formed.

"Touch" adjusts the payment by touching, as long as the phone supporting NFC is close to the "touch, NFC" sticker, the required window will pop up, and the corresponding action can be completed in an instant without opening the App, which is more convenient.

Mainly used in food traceability, logistics tracking, asset management, anti-counterfeiting traceability and other fields.

UHF flexible label



physical paramete:

size:	73.5mm*21.2mm
materials:	Coated paper /PET/thermal paper
colour:	white, customizable
way to install:	Sticker
weight:	0.5g

Please contact us for more product specifications...

Product application diagram:



application specification:

Walmart supermarket, all electronic fast supply chain management, sales, inventory, cost and other information to share with suppliers in real time. Suppliers can check the sales and inventory of their products at any time, reducing business communication costs and replenishment time, and have a more accurate grasp of the market response.

Stores that introduced single-product RFID management systems saw a 14% increase in sales over non-RFID stores, while also providing 99% store inventory visibility and reducing labor by 30% and inventory by 15%.

It is mainly used in warehouse asset management, vehicle personnel management, book and archive management, smart port terminal, aviation and airport tracking, smart industrial manufacturing and other fields.

functional parameter:

ISO:	EPC Class 1 Gen 2; ISO 18000-6C
frequency:	905-928 MHz (CN&US)
chip:	Alien-H9/Monza-m4qt
memory:	96 or 128-bit-EPC bits; 512-bit user memory
Applied surface:	Non-metal surface
read range:	Transmit power: 1W (handset) /antenna gain: 0.0-3.0dbi, >=8M
read range:	Transmit power: 4W (Fixed reader) /antenna gain: 6.0-12.0dbi, >=12M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C

RFID Wristband card



functional parameter:

ISO:	ISO-14443A
frequency:	13.56MHz
chip:	LF/HF/UHF
memory:	EPPROM 1024
application scenarios:	Access/Membership
Erasing frequency:	More than 100,000 times
read range:	Stationary collector reads 1-60mm (Fixed reader)

physical paramete:

size:	35mm*26mm*0.86mm1 (customizable)
materials:	PVC
colour:	Color, customizable printing
technology:	Codes, QR codes, bar codes
weight:	5.0g

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C

Please contact us for more product specifications...

Product application diagram:



application specification:

The RFID wristband is a custom woven wristband with a sliding RFID TAB that can be customized to different chips (LF:ISO 7815/ISO 7816/ISO 11784,HF:ISO 14443A/ISO 15693,UHF:ISO 18000-6C, etc.). Different designs can be used in different fields, such as access control amusement parks, concerts, conferences, entertainment venues, museums and exhibitions. Both RFID tags and woven wheat can be customized to your own brand

RFID silica gel wristband



functional parameter:

ISO:	ISO-14443A
frequency:	13.56MHz
chip:	FM13RF08S (chip can be customized)
memory:	EPPROM 1024
Part worn:	wrist
read range:	Stationary collector reads 1-100mm (Fixed reader)

physical paramete:

size:	268mm*14mm*3mm
materials:	silica gel
colour:	black, customizable
way to install:	clip-type
weight:	1.5g

environmental specification:

IP Rate:	IP67
storage temperature:	-40~105°C
operating temperature:	-40~85°C

Please contact us for more product specifications...

Product application diagram:



application specification:

RFID wristband is a kind of smart RF shaped card that is convenient and durable to wear on the wrist. The electronic label of the wristband is made of environmentally friendly silicone material, which is comfortable to wear, beautiful in appearance and decorative. RFID wristbands can be used as a convenient payment method, such as in supermarkets, restaurants and other places to pay. At the same time, RFID wristbands can also be used for identity authentication and access control systems to improve security and convenience. Mainly used in smart medical care, health care, smart community, entertainment and other fields.

Smart Card



physical parameter:

size:	85.5mm*54mm*0.86mm
materials:	PVC
colour:	Color, customizable printing
technology:	magnetic strip, bar code, UV, etc
weight:	2.0g

functional parameter:

ISO:	ISO-14443A
frequency:	13.56MHz
chip:	LF/HF/UHF
memory:	EPPROM 1024
application scenarios:	Access/Membership
Erasing frequency:	More than 100,000 times
read range:	Stationary collector reads 1-100mm (Fixed reader)

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C

Please contact us for more product specifications...

Product application diagram:



application specification:

Intelligent service management system based on RFID smart card technology, according to the management status quo and market demand of advanced clubs, combined with microwave, high frequency, dual frequency identification technology, sensing technology, wireless monitoring technology, to provide fast, comfortable and safe intelligent services for advanced clubs.

Warehouse asset management, vehicle personnel management, books and archives management, smart port terminal, aviation and airport tracking, smart industrial manufacturing, linen washing management.

Dual-band card



functional parameter:

ISO:	ISO-14443A,15693,18000-6C
frequency:	13.56MHz
chip:	LF/HF/UHF
memory:	EPPROM 1024
application scenarios:	Access/Membership
Erasing frequency:	More than 100,000 times
HF read range:	Stationary collector reads 1-100mm (Fixed reader)

physical parameter:

size:	85.5mm*54mm*0.86mm
materials:	PVC
colour:	Color, customizable printing
technology:	magnetic strip, bar code, UV, etc
weight:	2.0g

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C

Please contact us for more product specifications...

Product application diagram:



application specification:

The dual-frequency card is based on the ordinary single-frequency card with an antenna, and can also be a three-frequency card, three-in-one multi-purpose multi-function. Property hotel access control card, enterprise campus card, bus member stored-value card, NFC identification, electronic business card poster, electronic ticket, library card, animal identification, identification, supermarket, warehouse management, personnel management, identification goods, industrial automation, etc

Expo card



physical paramete:

size:	45x30x3mm
materials:	PVC+ epoxy resin
colour:	White, custom printed
way to install:	Elastic rope or sling
weight:	5.0g

functional parameter:

ISO:	ISO-14443A
frequency:	13.56MHz
chip:	LF/HF/UHF
memory:	EPPROM 1024
Applied surface:	Non-metal surface
Erasing frequency:	More than 100,000 times
read range:	Stationary collector reads 1-100mm (Fixed reader)

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C

Please contact us for more product specifications...

Product application diagram:



application specification:

The expo card is small and beautiful in appearance and easy to carry. It can package all kinds of smart chips, and the products are made of various materials printing and crystal drops on the surface.

Product dust proof, transparency such as glass, good three-dimensional sense, suitable for member management, points, consumption system, card payment, product identification, school management, community management, access control attendance, identification, public transport.

According to the different requirements of customers to produce a variety of cartoon shapes, colorful, vivid image, is the ideal choice for the promotion of various enterprises.

RFID Key fob



physical paramete:

size:	34.7mm*27.9mm
materials:	ABS
colour:	Blue, color can be customized
way to install:	rings
weight:	4.35g

functional parameter:

ISO:	ISO-14443A
frequency:	13.56MHz
chip:	LF/HF/UHF
memory:	EPPROM 1024
application scenarios:	Access/Membership
Erasing frequency:	More than 100,000 times
read range:	Stationary collector reads 1-100mm (Fixed reader)

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C

Please contact us for more product specifications...

Product application diagram:

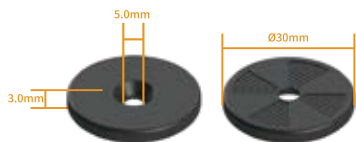


application specification:

The RFID Key fob is small in size, easy to carry, and can achieve easy and fast access control through the NFC panel. NFC keychains are a secure and convenient way to access your smart home.

The keychain features high quality plastic, finished encrypted data transmission, contactless access, personal access authorization, limited time access, small and compact. Suitable for member management, points, consumption system, card payment, product identification, school management, community management, access control, identification, public transport.

PPS TAG Series



physical paramete:

size:	Ø30mm*Ø5.0mm*3.0mm
materials:	PPS
colour:	Black, other colors can be customized
way to install:	3M adhesive or screw
weight:	4.0g

functional parameter:

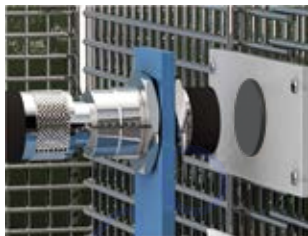
ISO:	ISO-15693
frequency:	13.56MHz
chip:	MB89R118C-2K
memory:	FRAM 2K, More than 10 billion erasures
Applied surface:	Non-metal surface
Erasing frequency:	More than 100,000 times
read range:	Stationary collector reads 1-60mm (Fixed reader) (Related to antenna, reader)

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C
Application temperature:	-60°C→220°C

Please contact us for more product specifications...

Product application diagram:



application specification:

In the automotive industry, the code body is widely used from the four major processes of the vehicle to the machine assembly of the powertrain, from the distribution of parts to the sorting and distribution of the production line, from the production line of commercial vehicles to the storage and other processes, combined with supporting system solutions to eliminate the intermediate links, save people and improve efficiency, and achieve the effect of transparent management.

At the same time, it is also widely used in warehouse asset management, smart port terminal, aviation and airport tracking, smart industrial manufacturing, and linen washing management.

PCB Label Series



physical paramete:

size:	42mm*15mm*2.8mm
materials:	PCB
colour:	Black, other colors can be customized
way to install:	3M adhesive or screw
weight:	3.5g

functional parameter:

ISO:	EPC Class 1 Gen 2; ISO 18000-6C
frequency:	905-928 MHz (CN&US)
chip:	Allen-H9/Monza-m4qt
memory:	96 or 128-bit-EPC bits; 512-bit user memory
Applied surface:	metal surface
read range:	Transmit power: 1W (handset) /antenna gain: 0.0-3.0dbi, >=2.5M
read range:	Transmit power: 4W (Fixed reader) /antenna gain: 6.0-12.0dbi, >=4.5M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C
Application temperature:	-60°C→220°C

Please contact us for more product specifications...

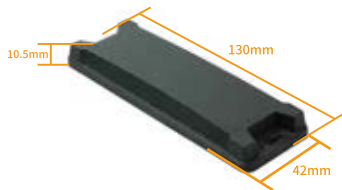
Product application diagram:



application specification:

From product manufacturing, storage management, equipment inspection, asset positioning, online monitoring and other links, through real-time information collection and information system close integration, timely understanding of asset changes, improve the timeliness of asset information; "One thing, one code" replaces paper labels to realize the correlation and synchronization between physical assets and information systems, and is also widely used in warehouse asset management, smart port terminals, aviation and airport tracking, smart industrial manufacturing, and linen washing management.

ABS Label Series



physical paramete:

size:	130x42x10.5mm
materials:	ABS
colour:	Black, other colors can be customized
way to install:	3M adhesive or screw
weight:	45g

functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz [CN&US]
chip:	Alien-H9/Monza-m4qt
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	metal surface
read range:	Transmit power: 1W (handset) /antenna gain: 0.0-3.0dbi, >=20M
read range:	Transmit power: 4W (Fixed reader) /antenna gain: 6.0-12.0dbi, >=25M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~100°C
operating temperature:	-30~80°C
Application temperature:	-40~100°C

Please contact us for more product specifications...

Product application diagram:



application specification:

In the photovoltaic industry, in the manufacturing process of products, identification equipment is installed in each process, product identification is identified, and through the docking with automation equipment and manufacturing systems, the technical status information of the product manufacturing process is obtained in real time, and the product quality is monitored in real time. At the same time, it is also widely used in warehouse asset management, smart port terminals, aviation and airport tracking, smart industrial manufacturing, and electronic patrol.

Ceramic label series



physical paramete:

size:	25mm*25mm*3mm
materials:	ceramic
colour:	Black, other colors can be customized
way to install:	3M adhesive
weight:	10.5g

functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz [CN&US]
chip:	Alien-H9/Monza-m4qt
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	metal surface
read range:	Transmit power: 1W (handset) /antenna gain: 0.0-3.0dbi, >=4M
read range:	Transmit power: 4W (Fixed reader) /antenna gain: 6.0-12.0dbi, >=8M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C
Application temperature:	-60°C~+220°C

Please contact us for more product specifications...

Product application diagram:



application specification:

Through RFID collection technology, complete the unmanned, automatic and real-time identification of single-grade products on the production line, and use the real-time collection of product information to complete the mixed flow production material error prevention, real-time push of process guidance, automatic separation of defective products off the line, automatic quality report generation, product traceability management, mixed flow line change alarm, automatic equipment docking. At the same time, it is also widely used in warehouse asset management, smart port terminal, aviation and airport tracking, smart industrial manufacturing, and linen washing management.

Special label series



physical paramete:

size:	D18mm*11mm
materials:	stainless steel
colour:	argentate
way to install:	inset
weight:	13.5g

Please contact us for more product specifications...

Product application diagram:



application specification:

Made of high-strength steel and polymer, and specially designed to be embedded in the milling hole of the drill to track each individual pipe. The manual counting of pipes before and after drilling in oil fields leads to incorrect inventory management, inefficient asset utilization, and potential safety risks. The use of RFID tags can now track and capture data-critical data on a single pipeline, opening up new possibilities for improved documentation and process efficiency, resulting in cost savings and reduced risk. Mainly used in oil exploration, mining and other fields.

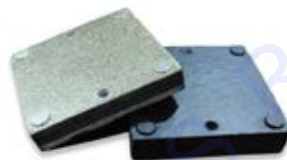
functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz (CN&US)
chip:	Alien-H9/Monza-m4qt
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	MeTal embedding
read range:	Transmit power: 1W (handset) /antenna gain: 0.0-3.0dbi, >=0.35M
read range:	Transmit power: 4W (Fixed reader) /antenna gain: 6.0-12.0dbi, >=0.9M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~85°C
operating temperature:	-40~150°C

Super high temperature label series



physical paramete:

size:	60mm*60mm*12mm
materials:	Ultra-high temperature resistant material
colour:	White or black
way to install:	3M adhesive or screw
weight:	42g

Please contact us for more product specifications...

Product application diagram:



application specification:

Made of ultra-high temperature and corrosion resistant material, and after special design, the maximum temperature can be up to 420 degrees, 420 degrees can be used for a long time, ultrasonic cleaning resistance, acid and alkali corrosion resistance, 3dbi The maximum reading distance of the handset is over 5 meters. It can be widely used in hot metal ladle, engine, slag, acid and alkali pool and other special environment of high temperature corrosion.

functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz (CN&US)
chip:	Alien-H9/Monza-m4qt
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	MeTal appearance
read range:	Transmit power: 1W (handset) /antenna gain: 0.0-3.0dbi, >=3M
read range:	Transmit power: 4W (Fixed reader) /antenna gain: 6.0-12.0dbi, >=5M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~105°C
operating temperature:	-40~85°C
Application temperature:	-60°C~+420°C

RFID plastic cable ties



physical paramete:

size:	Q28*L92*300MM
materials:	ABS
colour:	Blue, other colors can be customized
way to install:	clip-type
weight:	10g

functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz (CN&US)
chip:	Alien-H9/Monza-m4qt
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	Non-metal surface
read range:	Transmit power: 1W (handset) /antenna gain: 0.0-3.0dbi, >=6M
read range:	Transmit power: 4W (Fixed reader) /antenna gain: 6.0-12.0dbi, >=10M.

environmental specification:

IP Rate:	IP68
storage temperature:	-40~85°C
operating temperature:	-40~105°C

Please contact us for more product specifications...

Product application diagram:



application specification:

Through the installation of RFID tags on the logistics turnover equipment and the installation of automatic identification equipment on each logistics node, the real-time tracking of turnover equipment and materials in the logistics location, the real-time automatic collection of logistics location, and the docking with the enterprise's internal ERP and WMS systems to achieve real-time interaction of logistics data. Mainly used in clothing, shoes and hats, logistics transfer, internal storage and other fields.

RFID seal tag



physical paramete:

size:	G34mm*L36*21.5mm*300MM
materials:	ABS+steel wire
colour:	Red, other colors can be customized
way to install:	clip-type
weight:	20g

functional parameter:

ISO:	EPC Class 1 Gen 2: ISO18000-6C
frequency:	905-928 MHz (CN&US)
chip:	Alien-H9/Monza-m4qt
memory:	96 or 128 -bit-EPC bits; 512-bit user memory
Applied surface:	Non-metal surface
read range:	Transmit power: 1W (handset) /antenna gain: 0.0-3.0dbi, >=1M
read range:	Transmit power: 4W (Fixed reader) /antenna gain: 6.0-12.0dbi, >=2M

environmental specification:

IP Rate:	IP68
storage temperature:	-40~85°C
operating temperature:	-40~105°C

Please contact us for more product specifications...

Product application diagram:



application specification:

The electronic lead seal of RFID technology is applied to the security monitoring and real-time tracking of container transportation. Through the supporting vehicle communication terminal equipment, the electronic seal information (such as illegal opening alarm, etc.) is bound to the vehicle movement information, and is transmitted to the background server system in real time, so as to fundamentally solve the identification and verification of the private dismantling, intentional damage, forgery and abnormal opening of the sealed items. Mainly used in smart meters, logistics transport, security and other fields.

RFID desktop card reader



physical parameters:

size:	104mm*68mm*10mm
materials:	PC
colour:	black
frequency range:	13.56MHz (LF/HF/UHF models are available)
weight:	140g

functional parameter:

Card reading distance:	0~80mm
Card reading speed:	0.2S
Communication interface:	USB
operating system:	Win XP\Win CE\Win 7\Win 10\LIJUN\Visa\Android
Card reading time:	< 100mS
Card spacing:	0.5S
working current:	100mA

other parameters:

Working temperature:	-20°C~70°C
Reading card type:	MF,S50,S70, etc., ISO 14443A tag
output format:	Default 10-bit decimal (4 bytes) Supports custom output formats
Built-in speaker:	Buzzer, can control LED and buzzer

Please contact us for more product specifications...

Product application diagram:



application specification:

Based on the ISO14443A international standard protocol development of contactless smart card read-only reader, the use of 13.56M non-contact radio frequency technology design of the universal card reader, in the use of the process, can be randomly inserted (plug and play), without additional power supply, the user does not need to load any driver, read stable, accurate and reliable. It is widely used in Internet cafes, member management, KTV VOD song ordering system, fast food restaurant ordering system, office/shopping mall/bath center storage box security control, various anti-counterfeiting systems and production process control, data collection and other fields.

RFID tag desktop printer



physical parameters:

size:	267 mm (L) x 202 mm (W) x 192 mm (H)
OS:	Link-OS®
colour:	silver gray
firmware:	clip-type
weight:	ZPL II; EPL 2; XML; ZBI; PDFDirect

RFID function:

- Supports tags compatible with UHF EPC Gen 2 V2, ISO/IEC 18000-63, and RAIN RFID protocols
- Print and code labels with a minimum size of 0.6 inches /16 mm
- Adaptive coding technology simplifies RFID setup and eliminates complex RFID placement guidelines
- RFID task monitoring tools track RFID performance
- RFID certification has been achieved in more than 70 countries around the world to support multinational deployments
- RFID logs record all RFID data with time stamps to ensure full traceability
- The RFID ZPL command provides compatibility with existing Zebra RFID printers Support for industry standard multi-vendor chip-based serialization (MCS)
- Integrated Zebra RE40 RFID reader/encoder

operating characteristics:

operating temperature:	40°F ~105°F/4.4°C ~41°C
storage temperature:	-40°F~140°F/-40°C~60°C
operating humidity:	10%~90% (no condensation)
Storage humidity:	5%~95% (no condensation)

Please contact us for more product specifications...

Product application diagram:



application specification:

The ZD621R leverages Zebra's proprietary RE40 RFID module to support a variety of applications across multiple industries. Adaptive coding technology enables superior media flexibility and simplifies the RFID calibration process without complex placement guidelines. Products can be used in retail, catering, healthcare, manufacturing, document tracking, hotel services.

RIFD handheld



physical parameter:

size:	168×76×28±2mm (excluding shell and handle)
battery capacity:	7200mAh (lithium polymer battery)
system:	Android 10.0
total weight:	630g
communication interface:	Type-c

functional parameter:

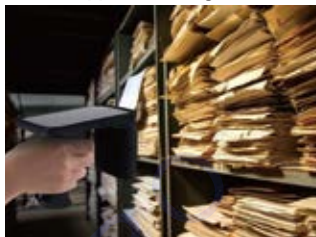
ISO:	EPC C1 GEN2 ISO18000-6C
Bar code acquisition:	Support 2D bar code class
screen:	5.5-inch IPS HD screen, resolution 720*1440
Support frequency:	915MHz、865MHz (865-868MHz and 902-928MHz)
Expansion slot:	2 sim card slots, 2 PSAM card slots, 1 TF card slot
read range:	Adjustable 0-20 m distance/with tag and Environment related

other parameters:

operating temperature:	-20℃~50℃
storage temperature:	-20℃~70℃
level of protection:	IP65
working hours:	Over 14 hours (one full charge)
standard configuration:	One lithium battery, one power adapter, and one Type-c charging cable

Please contact us for more product specifications...

Product application diagram:



application specification:

The device is based on the advanced 6nm EUV technology and design concept, which provides the device with excellent processing performance and response speed, as well as lower power consumption. The high-speed 5G data network communication module can bring higher transmission speed, lower latency, larger network capacity, better network coverage, more stable network connection and higher network security to the device.

It can be widely used in logistics, access control, clothing, retail, warehousing, anti-counterfeiting and intelligent manufacturing and other radio frequency identification systems.

Wrist worn UHF reader



functional parameter:

ISO:	EPC C1 GEN2 ISO18000-6C
shell material:	ABS+PC
UHF reading distance:	0.5-1m
Support frequency:	CN920MHz-925MHz/ US902MHz-928MHz EU845MHz-848MHz
reading speed:	200Tag/s
indicator light:	Battery indicator, Bluetooth indicator, working indicator

physical parameter:

size:	55×67×19±2mm
battery capacity:	1250mAh
Bluetooth:	Bluetooth Low Energy 5.1
total weight:	50g
communication interface:	Type-c

other parameters:

operating temperature:	-20℃~45℃
storage temperature:	-20℃~70℃
level of protection:	IP65
working hours:	More than 8 hours (balanced mode)
stand-by time:	120 hours

Please contact us for more product specifications...

Product application diagram:



application specification:

The device is a portable small UHF reader with a wristband design for greater comfort and portability. Truly realize zero-sense carrying work, and can be connected to intelligent platforms such as iOS and Android through Bluetooth interface, and data transmission is more convenient and efficient. It can be used in production line goods management, warehouse management, hotel linen management, file management, clothing management, etc.

[LF Chip Parameters]

Tag Chip

chip makers	frequency band	chip type	ISO	Memory (bit)
NXP	100 kHz to 150 kHz	HITAG μ / Advanced / Advanced+	ISO 11784/85 ISO 14223	512 - 1760
	100 kHz to 150 kHz	HITAG S	ISO 11784/85	256 - 2048
	100 kHz to 150 kHz	HITAG RO		64位预编程
	100 kHz to 150 kHz	HITAG 2	HITAG 2 ISO 11784/85	256
EM	125 kHz	HITAG 1	HITAG 1	2048
	100至150 kHz	EM4205/ EM4305	ISO 11784 / 11785	512
	100至150 kHz	EM4200	ISO11785 (FDX-B)	
	100至150 kHz	EM4450		1 K
	100至150 kHz	EM4582	ISO9798-2	8.5K

[HF Chip Parameters]

Tag Chip

chip makers	frequency band	chip type	ISO	TID/UID (bit)	Memory (bit)	
复旦微 Fudan Microelectronics Group	13.56MHz	FM13系列 (FM13HF02, FM13HS02, FM13HF01, FM13HS01)	非接触接口: NFC FORUM Type5 Tag; ISO 15693		1000/2000	
	13.56MHz	FM11NT021TT	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag		144	
	13.56MHz	FM11NT021	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag		144	
	13.56MHz	FM11NT041	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag		504	
	13.56MHz	FM11NT081	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag		888	
	13.56MHz	FM11NT022	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag		144	
	13.56MHz	FM11NS022	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag		240	
	13.56MHz	FM11NT032	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag 接触接口: IFC, SPI		256	
	13.56MHz	FM11NT081D	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag 接触接口: IFC, SPI		888	
	13.56MHz	FM11NC08	非接触接口: ISO14443 TypeA 接触接口: IFC		8k	
	13.56MHz	FM11NT082C	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag 接触接口: I2C		888	
	13.56MHz	FM11NP04	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag		560	
	13.56MHz	FM11NL08	非接触接口: ISO14443 TypeA, NFC FORUM Type2 Tag		888	
	飞聚微 Feiju Microelectronics	13.56MHz	F8001Z/F8001X	ISO/IEC 14443A		752
		13.56MHz	F8004	NFC Type2, ISO/IEC 14443A		48
		13.56MHz	F8003	ISO/IEC 14443A		3568
		13.56MHz	F8213	NFC Type2, ISO/IEC 14443A		144
13.56MHz		F8216CF	NFC Type2, ISO/IEC 14443A		944	
13.56MHz		F8216F	NFC Type2, ISO/IEC 14443A		888	
13.56MHz		F8216	NFC Type2, ISO/IEC 14443A		888	
13.56MHz		F8215	NFC Type2, ISO/IEC 14443A		504	
13.56MHz		F8025	NFC Type5, ISO/IEC 15693		128	

[HF Chip Parameters]

Tag Chip

chip makers	frequency band	chip type	ISO	TID/UID (bit)	Memory (bit)	
飞聚微 Feipu Microelectronics	13.56MHz	F8025SF	NFC Type5 ISO/IEC 15693		128	
	13.56MHz	F8018	NFC Type2 ISO/IEC 14443A		144	
	13.56MHz	F8013	NFC Type2 ISO/IEC 14443A		144	
	13.56MHz	F8019	NFC Type5 ISO/IEC 15693		256	
	13.56MHz	F8023	IC NFC Type5 ISO/IEC 15693		144	
	13.56MHz	F8022	IC NFC Type5 ISO/IEC 14443A		1912	
	13.56MHz	F8216C	NFC Type2 ISO/IEC 14443A		944	
	13.56MHz	F8216SC	NFC Type2 ISO/IEC 14443A		996	
	13.56MHz	F8213SC	NFC Type2 ISO/IEC 14443A		144	
	13.56MHz	F8010	NFC Type2 ISO/IEC 14443A		144	
	13.56MHz	F8002-1024	NFC Type5 ISO/IEC 15693		128	
	13.56MHz	F8002-2048	NFC Type5 ISO/IEC 15693		256	
	13.56MHz	F8002P-2048	NFC Type5 ISO/IEC 15693		256	
	EM	13.56MHz	EM4033	ISO15693 / ISO18000-3	64	
		13.56MHz	EM4237SLIC/SLIX	ISO/IEC15693和ISO/IEC18000-3		1k/2k
		13.56MHz	EM4233SLIC	ISO15693 / ISO18000-3	64	1k
13.56MHz		EM4332	NFC Forum Type 2 协议, ISO 14443-A		308	
13.56MHz		EM4233	ISO15693 / ISO18000-3	64	2k	
13.56MHz		EM4237	ISO/IEC 15693和ISO/IEC18000-3		2k	
13.56MHz		EM4333	ISO/IEC15693/14443A		4k	

[HF Chip Parameters]

Tag Chip

chip makers	frequency band	chip type	ISO	TID/UID (bit)	Memory (bit)
NXP	13.56MHz	NCX3310	NFC Forum Type 5 - ISO/IEC 15693 I2C		2048
	13.56MHz	NTAG 5增强	NFC Forum Type 5 I2C		2048
	13.56MHz	NTAG 5 Link	NFC Forum Type 5 I2C		2048
	13.56MHz	NTAG 5 Switch	NFC Forum Type 5		512
	13.56MHz	NTAG I2C+	ISO/IEC 14443 A NFC Forum Type 2 I2C		888或1912
	13.56MHz	NTAG213F/NTAG216F	ISO/IEC 14443 A NFC Forum Type 2 Tag		144/888
	13.56MHz	NTAG 424 DNA	ISO/IEC 14443A 1-4, NFC Forum T4T		416
	13.56MHz	NTAG 223/224 DNA	ISO/IEC 14443A 1-3, NFC Forum T2T		144 / 208
	13.56MHz	NTAG 223/224 DNA StatusDetect	ISO/IEC 14443A 1-3, NFC Forum T2T		144 / 208
	13.56MHz	NTAG 213/215/216	ISO/IEC 14443A 1-3, NFC Forum T2T		144 / 504 / 888
	13.56MHz	NTAG 210/212	ISO/IEC 14443A 1-3, NFC Forum T2T		48 / 128
	13.56MHz	NTAG 210μ (Micro)	ISO/IEC 14443A 1-3, NFC Forum T2T		48
	13.56MHz	NHS3100/NHS3100UK/NHS3100 WB	NFC/RHID ISO 14443 A I2C总线接口		4 kB
	13.56MHz	NHS3152/NHS3152UK	NFC/RHID ISO 14443 A I2C总线接口		4 kB
	13.56MHz	ICODE DNA	18000-3M1 NFC Forum TST		2016
	13.56MHz	ICODE SLIX 2	ISO 18000-3M1 NFC Forum TST		2528
	13.56MHz	ICODE SLIX	ISO 18000-3M1 NFC Forum TST		896
	13.56MHz	ICODE SLIX-L	ISO 18000-3M1 NFC Forum TST		256
	13.56MHz	ICODE SLIX-S	ISO 18000-3M1 NFC Forum TST		1280
	13.56MHz	ICODE ILT	EPC Class-1 HF1		
	13.56MHz	ICODE ILT-M	EPC Class-1 HF1		512
	13.56MHz	MIFARE DESFire EV3/EV2/EV1	ISO/IEC 14443 A 1-4 & ISO/IEC 7816		2/4/8/16/32kB
	13.56MHz	MIFARE DESFire Light	ISO/IEC 14443 A 1-4 & ISO/IEC 7816		640
	13.56MHz	MIFARE Plus EV2/X	ISO/IEC 14443 A 1-4和ISO 7816-4		2 kB, 4 kB
	13.56MHz	MIFARE Ultralight AES	ISO/IEC 14443 A 1-3		144
	13.56MHz	MIFARE Ultralight C	ISO/IEC 14443 A 1-3		1152
	13.56MHz	MIFARE Ultralight EV 1	ISO/IEC 14443 A 1-3		640/1312
13.56MHz	MIFARE Classic EV1	4443-3 A型		1kB	

[UHF Chip Parameters]

Tag Chip

chip makers	frequency band	chip type	TID/UID (bit)	EPC (bit)	Memory (bit)	Sensitivity (dbm)
复旦微 Fudan Microelectronics Group	UHF	FM13UF0051E	96	160	32	-23
	UHF	FM13UF011E	96	128-512	512	-23
	UHF	FM13UF011X	96	128-512	512	-23
	UHF	FM13US02G	96	128	1664	-17
	UHF	FM13UF02G	128	256	1536	-17
EM	UHF	EM4124	64	96		-21
	UHF	EM4325	96	352	3073	-21
	UHF	EM4126	32	208		
	UHF	EM4227	48	416	1280/1792	-15.5
	UHF	EM4018	96	480	1984	-15.5
ALIEN	UHF	EM4152	96	480	1984	-15.5
	UHF	Higgs 3	96	96-496	512	-18
	UHF	Higgs 4	96	128	128	-18.5
	UHF	Higgs-EC	96	128	128	-22.5
	UHF	H9	96	96-496	688	-22.5
UHF	H10	96	96-128	32	-23	





















[UHF Chip Parameters]

Tag Chip













chip makers	frequency band	chip type	TID/UID (bit)	EPC (bit)	Memory (bit)	Sensitivity (dbm)
Impinj	UHF	Monza 4QT	96	128	512	-19.5
	UHF	Monza 4E	96	496	128	-19.5
	UHF	Monza 4D	96	128	32	-19.5
	UHF	Monza R6	96	96	None	-22
	UHF	Monza R6-P	96	128	32	-22
	UHF	M730	96	128	0	-24
	UHF	M750	96	96	32	-24
	UHF	M770	96	128	32	-24
	UHF	M775	96	128	32	-24
	UHF	M780	96	496	128	-23.5
	UHF	M781	96	128	512	-23.5
	UHF	Ucode 7	96	128	0	-21
	UHF	Ucode 7m	96	128	32	-21
	UHF	UCODE 7xm	96	448	1024	-12
	NXP	UHF	UCODE 7xm+	96	448	2048
UHF		U8	96	128	0	-18
UHF		U8M	96	96	32	-18
UHF		U9	96	96	0	-22
UHF		U9XE	96	128	0	-22
UHF		UCODE 9xm	96	128*256*496	752*624*384	-22
UHF		UCODE DNA	96	224	3072	-11
UHF		UCODE DNA Track	96	448	256	-11
UHF		Ucode DNA City	96	224	1024	-11
UHF		Ucode G2XM	64	240	512	-15
UHF		Ucode G2XL	64	240	0	-15
UHF		Ucode G2iL	64	128	0	-18
UHF		Ucode G2iL+	64	128	0	-18
UHF		Ucode G2iM	96	256	512	-17.5
UHF		Ucode G2iM+	96	448	640	-17.5
UHF	Ucode i2C	96	160	3328	-18	

高频天线参数 | HF ANTENNA PARAMETER

Fudan-F08系列products









Antenna picture	IOS	Antenna size	Antenna picture	IOS	Antenna size
	ISO14443A	Φ15mm		ISO14443A	32*15mm
	ISO14443A	Φ20mm		ISO14443A	32*32mm
	ISO14443A	Φ22mm		ISO14443A	32*32mm
	ISO14443A	Φ25mm		ISO14443A	37*22mm
	ISO14443A	Φ27mm		ISO14443A	38*22.5mm
	ISO14443A	Φ27mm		ISO14443A	40*40mm
	ISO14443A	Φ30mm		ISO14443A	45*45mm
	ISO14443A	Φ34mm		ISO14443A	18*9mm
	ISO14443A	Φ40mm		ISO14443A	45*45mm
	ISO14443A	15*15mm		ISO14443A	52*15mm
	ISO14443A	26*11mm		ISO14443A	76*45mm

NXP—ICODE系列products
























Antenna picture	IOS	Antenna size	Antenna picture	IOS	Antenna size
	ISO15693	Φ22mm		ISO15693	52*15mm
	ISO15693	Φ25mm		ISO15693	76*45mm
	ISO15693	Φ27mm		ISO15693	34*34mm
	ISO15693	Φ33mm		ISO15693	37*22mm
	ISO15693	18*9mm		ISO15693	76*45mm
	ISO15693	26*11mm		ISO15693	Φ34mm

高频天线参数 | HF ANTENNA PARAMETER



NXP—ICODE系列 products

Antenna picture	IOS	Antenna size	Antenna picture	IOS	Antenna size
	ISO15693	28*24mm		ISO15693	52*15mm
	ISO15693	37*22mm		ISO15693	34*22mm
	ISO15693	45*45mm		ISO15693	15*15mm
	ISO15693	45*45mm		ISO15693	90*12mm



NXP—NTAG系列 products

Antenna picture	IOS	Antenna size	Antenna picture	IOS	Antenna size
	ISO14443A	Φ15mm		ISO14443A	45*45mm
	ISO14443A	Φ19mm		ISO14443A	76*45mm
	ISO14443A	Φ20mm		ISO14443A	12*18mm
	ISO14443A	Φ21mm		ISO14443A	52*15mm
	ISO14443A	Φ22mm		ISO14443A	27*30mm
	ISO14443A	Φ23mm		ISO14443A	40*40mm
	ISO14443A	Φ25mm		ISO14443A	Φ89.25mm
	ISO14443A	Φ27mm		ISO14443A	8*18mm
	ISO14443A	Φ30mm		ISO14443A	15*15mm
	ISO14443A	Φ35mm		ISO14443A	26*11mm
	ISO14443A	Φ40mm		ISO14443A	34*12mm
	ISO14443A	Φ20mm			








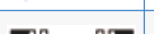
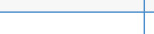





NXP—NTAG213TT系列 products

Antenna picture	IOS	Antenna size	Antenna picture	IOS	Antenna size
	ISO14443A	Φ21.5mm		ISO14443A	Φ19mm













超高频天线参数 | UHF ANTENNA PARAMETER

Impinj—MR6系列products					
model name	Chip	Antenna size	Antenna picture	Scan Distance	application scenarios
FLS4015-R6	MR6/MR6-P	15*40mm		865MHz:3m 920MHz:6.8m	Clothing/Retail
FLS5030-R6		50*30mm		865MHz:4m 920MHz:11m	Clothing
FLS7015-R6		70*15mm		865MHz:2.6m 920MHz:9m	Clothing
AR61F		15*40mm		865MHz:2m 920MHz:6m	Clothing/Retail
FLS9503-R6		3*95mm		865MHz:4.5m 920MHz:11m	Books/wine /logistics
FLS9511-R6		11*95mm		865MHz:12m 920MHz:14m	wine/logistics
FLS1142-R6		11*42mm		865MHz:2m 920MHz:3.5m	Jewelry (passband)
FLS1027-R6		10*27mm		865MHz:3m 920MHz:4.5m	Medicine /jewelry
FLS1222-M6		12.5*22mm		865MHz:1m 920MHz:3m	Medicine /jewelry
FLS1033-M6		10*33mm		865MHz:1.5m 920MHz:4m	Medicine /jewelry
FLS1835-R6		18*35mm		865MHz:2m 920MHz:5.5m	Retail
FLS0560-R6		5*60mm		865MHz:1.6m 920MHz:2.5m	Retail
FLS1570-R6-FZ		15*70mm		865MHz:10m 920MHz:12m	Clothing
FLS2539-R6		25*39mm		865MHz:5m 920MHz:4m	Jewelry
FLS2072-R6		20*72mm		865MHz:3m 920MHz:8.5m	Clothing






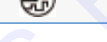









超高频天线参数 | UHF ANTENNA PARAMETER


Impinj—M700系列products					
model name	Chip	Antenna size	Antenna picture	Scan Distance	application scenarios
FLS1222-M700	M730/M750	12.5*22mm		865MHz:1m 920MHz:3.5m	Jewelry
FLS1027-M700		10*27mm		865MHz:3m 920MHz:6m	Jewelry
FLS3050-M700		30*50mm		865MHz:6m 920MHz:15m	Clothing/Retail
FLS0895-M700		8*95mm		865MHz:17m 920MHz:20m	Logistics /Packaging
FLS1642-M700		16*42mm		865MHz:8m 920MHz:10m	Clothing/Retail
FLS1642-M700 通频		16*42mm		865MHz:1m 920MHz:4.5m	Clothing/Retail
FLS1470-M700		14*70mm		865MHz:10m 920MHz:16m	Clothing/Retail
FLS1470-M700 -A4		14*70mm		865MHz:8m 920MHz:15m	Clothing/Retail
FLS0395-M700		3*95mm		865MHz:8m 920MHz:15m	Library/Wine
FLS1993-M700		19*93mm		865MHz:7m 920MHz:16m	Logistics /Packaging
FLS2040-M700		20*40mm		865MHz:4m 920MHz:12m	Medical/Wine
FLS3072-M700		30*72mm		865MHz:10.5m 920MHz:12m	Logistics /Packaging
FLS1209-M700		12*9mm		0.4m	Logistics /Packaging
FLS1217-M700		12*17mm		1m	Logistics /Packaging

超高频天线参数 | UHF ANTENNA PARAMETER

NXP—UCODE 8、UCODE 9系列products					
model name	Chip	Antenna size	Antenna picture	Scan Distance	application scenarios
FLS4015-U8	UCODE 8 /UCODE 9	15*40mm		865MHz:5m 920MHz:9m	Clothing/Retail
FLS1570-U8		15*70mm		865MHz:8m 920MHz:17m	Clothing
FLS1470-U8		14*70mm		865MHz:10m 920MHz:20m	Clothing
FLS3050-U8		30*50mm		865MHz:13m 920MHz:15m	Clothing
FLS3072-U8		30*72mm		865MHz:4m 920MHz:10m	Logistics /Packaging
FLS2294-U8		22*94mm		865MHz:11m 920MHz:20m	Logistics /Packaging
FLS1027-U8		10*27mm		865MHz:4.5m 920MHz:3.5m	Jewelry
FLS1142-U8		11*42mm		865MHz:3m 920MHz:8m	Jewelry
FLSD27-U8		圆27mm		865MHz:2m 920MHz:7m	packing box
FLS1540-U8		15*40mm		2.5m	Liquid /test tube
FLS1642-U8		16*42mm		865MHz:6.5m 920MHz:9m	Logistics /Packaging
FLS2040-U8		20*40mm		865MHz:5m 920MHz:12m	Retail

超高频天线参数 | UHF ANTENNA PARAMETER

NXP—UCODE 8、UCODE 9系列products					
model name	Chip	Antenna size	Antenna picture	Scan Distance	application scenarios
FLS4229-U8	UCODE 8 /UCODE 9	29*42mm		865MHz:4m 920MHz:14m	Logistics /Packaging
FLS9503-U8		3*95mm		865MHz:5m 920MHz:15m	Library/Wine
FLS4444-U8		44*44mm		865MHz:4m 920MHz:14m	Logistics
FLS2539-U8		25*39mm		865MHz:9m 920MHz:4m	Jewelry
FLS5030-U9		50*30		865MHz:11.5m 920MHz:19m	Clothing
FLSD012-U8		圆12mm		865MHz:0.3m 920MHz:0.6m	Goods/assets
FLS0894-U8		8.15*94.8mm		865MHz:20m 920MHz:19m	Library/Alcohol /Tobacco
FLS1770-U8		17*70mm		865MHz:10m 920MHz:20m	windscreen
FLS1222-U8		12.5*22mm		865MHz:2m 920MHz:5m	Jewelry
FLSD010-U8		圆10mm		865MHz:0.3m 920MHz:0.5m	Goods/assets
FLS1835-U8		18*35mm		865MHz:7.5m 920MHz:4m	Retail
FLS1790		17*90mm		865MHz:14m 920MHz:20m	Logistics /Packaging
FLS1070抗液体		10*70		865MHz:8m 920MHz:11m	Liquid /test tube
FLS2797-U8		27*97mm		865MHz:11m 920MHz:15m	Logistics /Packaging
FLS2696	26*96mm		865MHz:12m 920MHz:16m	Logistics /Packaging	

NXP—UCODE DNA系列products					
model name	Chip	Antenna size	Antenna picture	Scan Distance	application scenarios
FLS1275-DNA	U CODE DNA	12*75mm		4m	windscreen

超高频天线参数 | UHF ANTENNA PARAMETER

Alien—H3、H4、EC、H9系列 products					
model name	Chip	Antenna size	Antenna picture	Scan Distance	application scenarios
9662	H3/H4 EC/H9	17*70mm		865MHz:9m 920MHz:12m	Goods/assets
9654	H3/H4 EC/H9	19*93mm		865MHz:5m 920MHz:12m	Pallets/tires /windscreen
9640	H3/H4 EC/H9	8.15*94.8mm		865MHz:12m 920MHz:10m	Goods/assets
9634	H3/H4 EC/H9	44*46mm		5m	Clothing/Retail
9630	H3	9.5*70mm		865MHz:6m 920MHz:7m	Goods/assets
9629	H3/H4 EC/H9	22.5*22.5mm		865MHz:2m 920MHz:4m	Medical /Clothing
9620	H3/H4 EC/H9	9.7*27mm		865MHz:1.6m 920MHz:3.5m	jewelry
9610	H3/H4 EC/H9	10.325*44.45mm		865MHz:4m 920MHz:6m	Goods/assets
9613	H3	9*12mm		0.2m	Jewelry/medical /food/access control
9627	H3	30*45mm		2.15m	Clothing
FLS9503	H3	3*95mm		865MHz:8m 920MHz:8m	logistics
FLS9503	H9/EC	3*95mm		865MHz:3m 920MHz:8m	logistics
FLS9504	H9/EC	12.5*22mm		865MHz:13m 920MHz:10m	Goods/assets
FLS1540	EC	15*40mm		865MHz:2m 920MHz:5m	Books/Wine
FLS9654-G	EC/H9	19*93mm		865MHz:4.5m 920MHz:12m	Pallets/tires /windscreen

超高频天线参数 | UHF ANTENNA PARAMETER






Alien—H10系列 products					
model name	Chip	Antenna size	Antenna picture	Scan Distance	application scenarios
FLS1470	H10	14*70mm		865MHz:7m 920MHz:12.5m	Goods/assets
FLS0395		3*95mm		865MHz:5m 920MHz:10m	Books/Wine
FLS3050		30*50mm		865MHz:4m 920MHz:12m	Clothing/Retail
FLS1642		16*42mm		865MHz:3.5m 920MHz:9m	Clothing/Retail
FLS2040		20*40mm		865MHz:2m 920MHz:8m	Healthcare /Retail
FLS1222		12.5*22mm		865MHz:1.5m 920MHz:4m	jewelry

Fudan-复旦—FM13UF011E 系列 products					
model name	Chip	Antenna size	Antenna picture	Scan Distance	application scenarios
FLS1470	FM13UF011E FM13UF0051E	14*70mm		865MHz:7.5m 920MHz:18m	Clothing/Retail
FLS4216		16*42mm		865MHz:5m 920MHz:14m	Goods/assets
FLS0395		3*95mm		865MHz:3m 920MHz:11m	Library/Wine
FLS3050		30*50mm		865MHz:5m 920MHz:16m	Clothing/Retail
FLS2294		22*94mm		865MHz:16m 920MHz:16m	Clothing/Retail
FLS827		8*27mm		865MHz:1.5m 920MHz:3m	Healthcare
FLS1222		12*22mm		865MHz:2m 920MHz:4m	jewelry
FLS895		8*95mm		865MHz:7.5m 920MHz:18m	Goods/assets








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Impinj——M700系列products

model name	Chip	Antenna size	Antenna picture
AZ-MR7N	M730/M750	42*16mm	
AZ-GR7E		50*30mm	
AZ-HR7A		70*14mm	
AZ-HR7K		70*14.5mm	
AZ-GR7		44*28mm	


NXP——U Code8/9系列products

model name	Chip	Antenna size	Antenna picture
AD Miniweb FCC	Impinj M730 Impinj M750	42*16 mm	
AD Miniweb ETSI	NXP UCODE 9	42*16 mm	
AD Miniweb FCC	NXP UCODE 9	42*16 mm	
AD Miniweb FCC	M780	42*16 mm	
AD Miniweb Global	Impinj M730 Impinj M750	42*16 mm	
AD Belt	NXP UCODE 9	70 x 14 mm	
AD Belt	Impinj M730 Impinj M750	70 x 14 mm	

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Impinj——MR6/MR6-P系列products

model name	Chip	Antenna size	Antenna picture
AZ-H6G	MR6/MR6-P	70*14mm	
AZ-G6K		50*30mm	

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